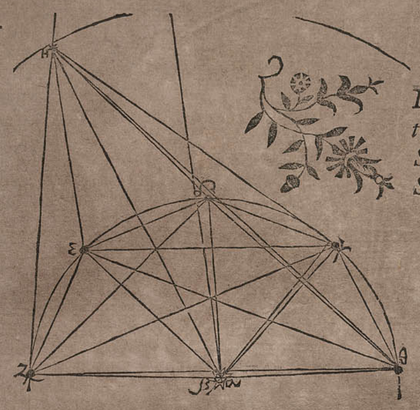
CAP. XXVIII.



Datis ergo angulis ε. n. δ. & uno latere ε δ, dabitur & latus εn.

Si. εnδ. 79718		εδ 73700		
Si. nδε. 88600	8	89972	8	εn
8838		719768		
7974	9	17232		
864		8997	1	
797	9	8235		
67		80979		
67	7	138		
5	1	90	1	
		48	5	

Denique & triangulum nεα solvatur, in quo dantur jam

εn 81915		*Et* αεn *ut prius*	132. 7′. 16″	*Sin.* εαn 36556	
εα 99770		*Complement.*	47.52.44	*Sin.* αεn 74173	2
Differ. 17855		*Dimid.*	23.56.22	73112	0
Summa 181685		*Tangens*	44396	10610	
163516	9*		*9823	7311	2
15033	5		39956	3299	9
14534	88		3552	3290	0
498	7		89		9 3
383	42	23°.56′.22″.	13		
115	3	2.29.50.4361		εn 81915	
115	03	εαn 21.26.32		202903	
				1638300	
Sed αε A. MDLXXXV *est in*		29.41. 4 ♏		16383	
Ergo αn A. MDLXXXV *in*		8.14.52 ♏		7372	
				25	
				Prodit αn *quæsita*	166208

Quod si reliquæ tres OBSERVATIONES ad ζ. γ. ϑ. hunc eundem locum & longitudinem ipsius αn passæ fuerint, erimus de iis confirmatissimi.

Quemadmodum igitur hactenus per ε. δ. sic jam operabimur per ζ. γ, quærentes eandem αn.

Pro ζ. γ.

Pro ζ. γ. angulis & linea

CAP. XXVIII.

αζ 101049		12°.10′. 3″ ♉					
αγ 98203		1.44.53 ♑					
2846		130.25.10					
199251		*Præcess.* 4.48					
8535		130.29.58					
79704		49.30. 2		76041		179055	
565		24.45. 1		42468	1	101049	
399	3	46101		335730		1799550	
166		1438		297276	7	17905	
159	8	4610		38354		716	
		1844		38221	9	162	
		138		233	0	180933. ζγ.	
24.45′. 1″.		37		212	5		
22.48.		663		21	5		
αγζ 25. 7.49.							
αζγ 24.22.13.							

Et jam in ζγn.

Quia est ζn 1°. 29½′. ♌	γn 13°. 35′. 40″ ♎
& ζα 12. 10. 3 ♉	γα 1. 44. 53 ♑
Ergo nζα 79. 19. 27	nγα 78. 9. 13
Sed γζα 24. 22. 13	ζγα 25. 7. 49
Ergo nζγ 54. 57. 14	nγζ 53. 1. 24 *& horum residuum*
ad duos rectos γnζ 72°. 1′. 22″.	

Idem etiam hinc elicitur: est ζn *in* 1°. 29½′. ♌
& γn *in* 13. 35. 40 ♎
Et subtracta præcessione temporis intermedii in 13. 30. 52 ♎
Ergo γnζ 72. 1. 22.

Datis igitur angulis trianguli ζnγ, *& latere* ζγ, *quæritur latus* ζn.

79887		180933	
95118		73987½	
760944	8	1447464	
37926		54280	
28535	3	16284	
9391	9	1447	
8560	8	151960 *Hæc* ζn.	
831	7½		
761			

Denique